

Amendments to the claims

1-61. (Canceled)

62. (New) A simulated divided lite insulating glazing unit having an internal muntin bar; the unit comprising:

first and second spaced glass panes spaced apart by a perimeter spacer; the first and second glass panes and spacer defining an insulating chamber;

an internal muntin bar disposed inside the insulating chamber; the internal muntin bar dividing the insulating chamber into separate portions to provide a divided-lite appearance to the glazing unit; the internal muntin bar having:

a body having a longitudinal direction; the body having opposed base walls separated by the height of the body; one of the base walls having an adhesive that connects the base wall to an inner surface of one of the glass panes; the base wall having the adhesive defining a body width;

the body being formed from a body material;

the body defining at least one open insulating cavity; the insulating cavity having a cross sectional area measured along a cross section taken through the cavity perpendicular to the longitudinal direction of the body;

the insulating cavity being surrounded by the body; and

the body material having a cross sectional area when measured along a cross section taken perpendicular to the longitudinal direction of the body; the cross sectional area of the body material being larger than the cross sectional area of the insulating cavity.

63. (New) The unit of claim 62, wherein the insulating cavity is elongated in the longitudinal direction.

64. (New) The unit of claim 63, wherein the insulating cavity is continuous in the longitudinal direction.

65. (New) The unit of claim 64, wherein the body defines a plurality of insulating cavities; each of the insulating cavities extending continuously in the longitudinal direction.
66. (New) The unit of claim 65, wherein the insulating cavities are spaced from one another.
67. (New) The unit of claim 66, wherein each insulating cavity has a width; the space between the insulating cavities being equal to or greater than the width of either insulating cavity.
68. (New) The unit of claim 67, wherein the body is fabricated from a foam material.
69. (New) The unit of claim 68, wherein the body includes a desiccant.

70. (New) A simulated divided lite insulating glazing unit having an internal muntin bar; the unit comprising:

first and second spaced glass panes spaced apart by a perimeter spacer; the first and second glass panes and spacer defining an insulating chamber;

an internal muntin bar disposed inside the insulating chamber; the internal muntin bar dividing the insulating chamber into separate portions to provide a divided-lite appearance to the glazing unit; the internal muntin bar having:

a body having a longitudinal direction; the body having opposed base walls separated by the height of the body; one of the base walls being connected to an inner surface of one of the glass panes with an adhesive;

the body defining at least one insulating cavity; the insulating cavity being surrounded by the body; and

the base wall of the body having the adhesive defining a body width; the body width being greater than the body height.

71. (New) The unit of claim 70, wherein the insulating cavity is elongated in the longitudinal direction.

72. (New) The unit of claim 71, wherein the insulating cavity is continuous in the longitudinal direction.

73. (New) The unit of claim 72, wherein the body defines a plurality of insulating cavities; each of the insulating cavities extending continuously in the longitudinal direction.

74. (New) The unit of claim 73, wherein the insulating cavities are spaced from one another.

75. (New) The unit of claim 74, wherein each insulating cavity has a width; the space between the insulating cavities being equal to or greater than the width of either insulating cavity.

76. (New) The unit of claim 75, wherein the body is fabricated from a foamed material.

77. (New) The unit of claim 76, wherein the body includes a desiccant.

78. (New) A simulated divided lite insulating glazing unit having an internal muntin bar; the unit comprising:

first and second spaced glass panes spaced apart by a perimeter spacer; the first and second glass panes and spacer defining an insulating chamber;

an internal muntin bar disposed inside the insulating chamber; the internal muntin bar dividing the insulating chamber into separate portions to provide a divided-lite appearance to the glazing unit; the internal muntin bar having:

a resilient foam body having opposed base walls separated by the height of the body; the body defining a longitudinal direction;

an adhesive disposed on at least one of the base walls;

the adhesive connecting the body to one of the opposed panes of glass;

the resilient foam body being capable of being rolled into a roll for storage and shipping and then unrolled for application to the glass;

the body defining at least one open insulating cavity; the insulating cavity having a cross sectional area when measured along a cross section taken perpendicular to the longitudinal direction of the body; the insulating cavity being entirely surrounded by the body;

the insulating cavity extending in the longitudinal direction;

the insulating cavity being elongated in the longitudinal direction; and

the foam of the body having a cross sectional area when measured along a cross section taken perpendicular to the longitudinal direction of the body; the cross sectional area of the foam being larger than the cross sectional area of the insulating cavity.

79. (New) The unit of claim 78, wherein the insulating cavity is continuous in the longitudinal direction.

80. (New) The unit of claim 79, wherein the body defines a plurality of insulating cavities; each of the insulating cavities extending continuously in the longitudinal direction.

81. (New) The unit of claim 80, wherein the insulating cavities are spaced from one another.

82. (New) The unit of claim 81, wherein each insulating cavity has a width; the space between the insulating cavities being equal to or greater than the width of either insulating cavity.

83. (New) The unit of claim 82, wherein the body is fabricated from a foam material.

84. (New) The unit of claim 83, wherein the body includes a desiccant.

85. (New) A simulated divided lite insulating glazing unit having an internal muntin bar; the unit comprising:

first and second spaced glass panes spaced apart by a perimeter spacer; the first and second glass panes and spacer defining an insulating chamber;

an internal muntin bar disposed inside the insulating chamber; the internal muntin bar dividing the insulating chamber into separate portions to provide a divided-lite appearance to the glazing unit; the internal muntin bar having:

a body having a base wall adhesively connected to an interior surface of one of the glass panes; the body having a longitudinal direction;

the body having a height extending in the direction between the glass panes;

the body being formed from a foamed polymer;

the body defining at least one open elongated insulating cavity; the insulating cavity being elongated in the longitudinal direction;

the insulating cavity being surrounded by the body;

the insulating cavity having a cross sectional area when measured along a cross section taken perpendicular to the longitudinal direction of the body; and

the body material of the body having a cross sectional area when measured along a cross section taken perpendicular to the longitudinal direction of the body; the cross sectional area of the body material being larger than the cross sectional area of the insulating cavity.

86. (New) The unit of claim 85, wherein the body defines a plurality of insulating cavities; each of the insulating cavities being elongated in the longitudinal direction.

87. (New) The unit of claim 86, wherein the insulating cavities are spaced from one another.

88. (New) The unit of claim 87, wherein each insulating cavity has a width; the space between the insulating cavities being equal to or greater than the width of either insulating cavity.

89. (New) The unit of claim 88, wherein the body includes a desiccant.

90. (New) A simulated divided lite insulating glazing unit having an internal muntin bar; the unit comprising:

first and second spaced glass panes spaced apart by a perimeter spacer; the first and second glass panes and spacer defining an insulating chamber;

an internal muntin bar disposed inside the insulating chamber; the internal muntin bar dividing the insulating chamber into separate portions to provide a divided-lite appearance to the glazing unit; the internal muntin bar having:

a body having a base wall adhesively connected to an interior surface of one of the glass panes; the body having a longitudinal direction;

the body having a height extending in the direction between the glass panes; the base wall having the adhesive defining a body width; the width being greater than the height;

the body being formed from a foamed material;

the body defining three open elongated insulating cavities; the insulating cavities being spaced apart and elongated in the longitudinal direction of the body; and

the insulating cavities having a cross sectional area; the insulating cavity being surrounded by the body; the body material of the body having a cross sectional area; the cross sectional area of the body material being larger than the cross sectional area of the insulating cavities.

91. (New) The unit of claim 90, wherein each insulating cavity has a width; the space between each pair of insulating cavities being equal to or greater than the width of one of the insulating cavities.

92. (New) The unit of claim 90, wherein the body includes a desiccant.

93. (New) The unit of claim 90, wherein the foam body is capable of being rolled into a roll for storage and shipping and then unrolled for application to the glass.